

### FOURTH CYCLE NAAC ACCREDITATION 2019

## **CRITERION 1**

### **CURRICULAR ASPECTS**

1.1.2. Number of certificate/diploma program introduced during last five years

WLBCC17 CERTIFICATE COURSE-WILD LIFE BIOLOGY

Submitted to



THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

# CRITERION 1 CURRICULAR ASPECTS

### WLBCC17 CERTIFICATE COURSE-WILD LIFE BIOLOGY

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- 2. STUDENTS LIST
- 3. ATTENDANCE REGISTER
- 4. ASSESSMENT PROCEDURE
- **5. SUMMARY REPORTS**
- 6. CERTIFICATE
- 7. BROCHURE
- 8. MINUTES

#### **SYLLABUS**

30 Hrs

**Objectives:** To make the students equipped with the knowledge of wildlife resources of India having emphasis to the principles and applications of various wildlife management techniques

Module I: Wildlife Resources of India with special reference to Kerala: Definition of wildlife, Brief account of mammals, birds, herpetofauna, fishes, invertebrates of Kerala, IUCN status (brief account)

7 hrs

**Module II: Evaluation of Wildlife habitat:** Define habitat – Forest habitat types ( mangroves, moist deciduous, dry deciduous, semi evergreen, evergreen, shola forests )

3 hrs

### Module IV: Human-Wildlife Conflicts and Wildlife Management:

Human-Wildlife Conflicts: Basic concepts, reason for conflicts, Identification of damages caused by wild animals and control measures. Case studies – Elephant, gaur, wild boar, monkey, tiger and leopard, Translocation of Wild animals – Principles, Methods and application. Traditional knowledge in wildlife conservation

8 hrs

Wildlife management: Threats and conservation issues (poaching, habitat loss, habitat fragmentation and habitat degradation, roadside kills, alien species, pollution, other anthropogenic activities, endemism etc.). Wildlife (Protection) Act, 1972 – IUCN – CITES – NBA – IBA – Project Tiger – Project Elephant – Project Crocodile

8 hrs

**Module V: Wildlife Conservation**: Definition, In-situ and ex-situ conservation. Case studies (Silent Valley National Park, Periyar Tiger Reserve).

4 hrs

### **Field Visit**

Field visit to any wildlife protected area

### **References:**

- 1. Saharia, V.B. 1982 Wildlife in India, Nataraj Publishers, Dehra Dun
- 2. Seshadri, B.1986 India's Wildlife reserves, Sterling Pub'rs Pvt. Ltd., New Delhi
- 3. Giles, R.H. Jr. (Ed) 1984. Wildlife Management Techniques 3rd edition. The wildlife Society, Washington. D.C. Nataraj Publishers, Dehradun. India
- 4. Dasmann, RF. 1964, Wildlife Biology. John and Wiley and sons Newyork. Pp231.
- 5. Robinson, Wl. and Eric, G. Bolen, 1984. Wildlife Ecology and Management Mac Millan Publishing Co, Ny. Pp 478.
- 6. Menon, V. 2003. A Field Guide to Indian Mammals. Dorling Kindersley (India) Pvt. Limited
- 7. Thomas, A.P. (Ed) 2013. Biodiversity Scope and Challenges. Green leaf Publications, Kottayam
- 8. Sharma P.D. 2001. Ecology and Environment. Rastogi Pulications, Meerut
- 9. Daniel, J.C. 2002. The Book of Indian Reptiles and Amphibians, Oxford University Press, Mumbai
- 10. Daniels, R.J. R. 2002. Freshwater Fishes of peninsular India. Universities press (India ) Private Ltd. Hyderabad
- 11. Tripheron, C.A. and Johnson, N.F. 2005. Borror and Delong's Introduction to the Study of Insects. Brooks/Cole Ceanage Learning Ltd.
- 12. Vilanilam, J. V.Antony Palakkal, Sunny Luke, 2012, Inroduction to Kerala Studies. International Institute for Scientific and Academic Collaboration, Inc, New Jersey USA

# **DEPARTMENT OF ZOOLOGY**

## **Certificate course on Wildlife Biology**

### <u>List of Students</u>

	2017-2018										
Sl.No.	Student Name										
1	ACSA GEORGE										
2	AJIMOL THANKAPPAN										
3	ANJU PAUL										
4	ANN MARY SUNNY										
5	ANSU K ELDHOSE										
6	ELIZABETH ATHULYA DALBY										
7	HARIPRIYA K.S.										
8	MEENU BABU										
9	MINUMOL JOHNSON										
10	NAYAN ROSE JOHNSON										
11	RESHMA R.										
12	RINSHA. P. M										
13	SRUTHY K LINZY										

	2018 - 2019										
SI No.	No. Student Name										
1	AKHILA BABURAJ										
2	ALPHIN ROSE MATHEW										
3	AMALA THOMAS										
4	4 ANCY STEPHEN										
5	ANITTA SUNNY										
6	6 ARYA PEETHU										
7	ASHITHA.K.K.										
8	ASHNA AUGUSTINE										
9	DEEPA. K.R										
10	FATHIMA A										
11	JOSMY JOSEPH										
12	LAKSHMI RAMESH										
13	PREETHI K PAULOSE										
14	SURYA V S										
15	SWATHI K										





CERTIFICATE COURSE IN WILDLIFE BIOLOGY 3/10/14 4/10/14 5/10/17 6/10/17 11/10/17 13/10/14 13/10/14 30/10/17 SI. REG. NAME NO NO and de la for for for for our and 1 5101 Acsa George of de on July on he or de de de de de billy billy billy billy billy billy billy billy 3 5103 Anju Paul Pay they wing traing to they they traing traing traing traing to they traing tr 4 5104 Annmary Sunny later hater hater that the first hater the party of the p Through what want many oring may make my 5 5105 Ansu k Eldhose About store should shou 6 5106 Elizabeth Athulya Dalby A. A. A. A. A. A. A. A. A A A A A A A A A A A A A A A 7 5107 Haripriya K S sit Sit Sit Shirt Shi Short through the fly the shir the star the star the star for the star for the 8 5108 Meenu Babu down down due down due down down due due 9 5109 Minumol Johnson and a war at the the THE WAS THE WAS THE WAS THE WAS THE WAS THE WAS THE PARTY TO THE PARTY THE P 10 5/10 Nayan Rose Johnson De of of the of the of food by box box box box box box box box 11 5111 Reshma R By feel Bed Bod bod Bed by Bed bed by Bed Bed Bed Bed By Rice Pin The Rice Rice Pine Pine Pine Pine 12 5112 Rinsha Linzy Ser gale of the State State State State 13 5114 Southy K HEAD OF THE DEPARTMENT P.G. Dept of Zoology Nirmala College, Muvattupuzha

# BATCH 2017-2018

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### **Assessment Report**

A minimum of 75% attendance is compulsory for the course. Assessment was done in the form of two tests and an assignment/ viva based on the field study. A 4-point grading system was adopted for the valuation and a final grade was calculated by compiling the grade points of the tests and assignment/ viva based on the following tables.

Grade	Grade point
A	3.5-4.0
В	2.5-3.49
С	1.5-2.49
D	0.5-1.49
Е	Less than 0.5

This final grade was mentioned in the certificate issued to the students.

PRINCIPAL
NIRMALA COLLEGE



### **Summary Report - 2017-18**

The Certificate Course in Wildlife Biology commenced in the year 2017 to impart an interest in students about wildlife resources, management and its conservation. The course consists of a 30 hour theory syllabus and a field visit to any wildlife protected area. 13 students enrolled for the course in the year 2017-18. The course commenced on 3<sup>rd</sup> October 2017. They were taken for field study to Anamudi Shola National Park on 15<sup>th</sup> January 2018. All the 13 students successfully completed the course out of which 5 students secured overall A grade and 8 students secured B grade. The course certificates were issued on 12<sup>th</sup> March 2018.

PRINCIPAL NIRMALA COLLEGE MUVATTUPUZHA

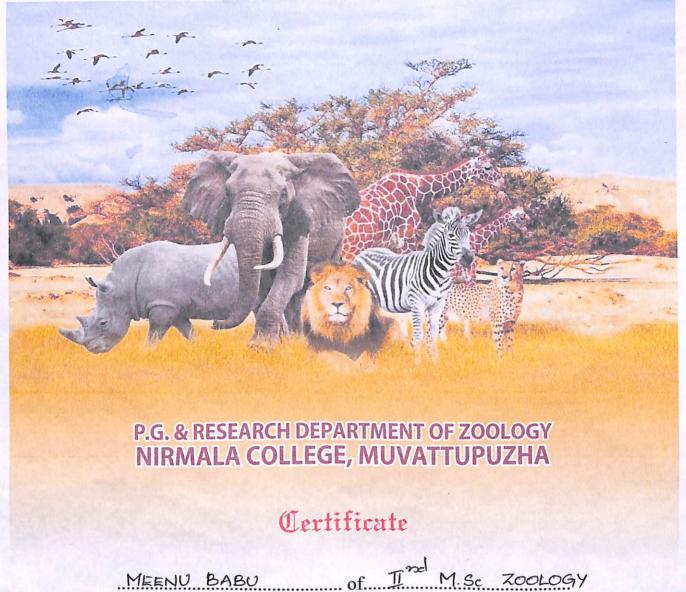


### **Summary Report – 2018-19**

The Certificate Course in Wildlife Biology commenced in the year 2017 to impart an interest in students about wildlife resources, management and its conservation. The course consists of a 30 hour theory syllabus and a field visit to any wildlife protected area. 15 students enrolled for the course in the year 2018-19. The course commenced on 9<sup>th</sup> January 2018. They were taken for a field study to Paruthumpara, Rameshwaram and Thekkadi on 13<sup>th</sup> September 2018. All the 15 students successfully completed the course out of which 4 students secured overall A grade and 11 students secured B grade. The course certificates were issued on 6th March 2019.

PRINCIPAL NIRMALA COLLEGE MUVATTUPUZHA





has successfully completed the Certificate course on Wildlife Biology conducted by the Department of Zoology, Nirmala College, Muvattupuzha

with ... A... Grade.

12.03.2018

Date of Completion

Course Coordinator



### NIRMALA COLLEGE MUVATTUPUZHA DEPARTMENT OF ZOOLOGY

CERTIFICATE COURSE

# 

Staff Coordinator: Dr. GIGI K. JOSEPH ASSISTANT PROFESSOR MOB: 9447432891

O3 OCTOBER 2017

Deptal ofall meeting Dale - 13/12/17 Minutes of the previous meeting was read passed agonda - Evaluation of National seminar.

Introduction of Certificati course Faculty discussed the following: -Evaluation of the conduct of national sominar; congratulated all leachers a students who wiscussions on the new bate to for th nours library books to the Po puséhase équipments à books under Po submit all documents for the NAAC Resulti A Total Lour was evaluated. Resulti of Ist sem UGI was analysed.

Sanction from leaghing for 2 nd sem UG.

Shola Nation Locycet work at Anamudi

pointe was obtourned. Dilmol Vovog Rese on 3) Vinod K.V BY
Gigi K. Joseph See 5 Daya B Kanjivalegille

Deptal staff meeting

Date - 0 8/02/18

Time - 9.15 and

Minutes of the previous meeting was read a passed.

The Faculty discussed the following matters

about the Inouguration of research centre

win Loology.

Brochine to distribute to all depti

Invite all deacters

Promage programme

tranquiation by Dr. Abdul Assi's - Fromer VC, CUSAT proesidential address - Msgr. Chemion Karjivakombil Key role address - Dr. Davi'd Barji principal phonoracy Fromer

. To bluy memento for resource person.

Former léacters of the dept are invited.

Dovole from 15th January to 38th January was completed. Identification of specimens us yet to be completed.

3 New quest Lectuses Ms. Brocy Edsa Babu Joined Reachers present.

Ms- Any u B. Kanjiralcat u Ms. Anya M.S. Any Edsa Babu. Reny
Ms. Bracy Edsa Babu. Reny